DEVICE FOR AUTOMATICALLY CONTROLLING A VOLTAGE APPLIED TO A DATA CONDUCTOR IN A SERIAL LINK

Abstract of the Disclosure

A self-powered peripheral apparatus is connected upstream to another apparatus via a universal serial bus (USB), wherein one of the conductors of the USB provides a supply voltage to the self-powered peripheral apparatus. One of the two data conductors of the USB is connected to a voltage source of the self-powered peripheral apparatus. The self-powered peripheral apparatus includes a control device for controlling the data conductor supply for supplying the latter only if the supply voltage is present on the supply conductor. The control device includes a circuit for detecting the supply voltage and a logic circuit for controlling the regulator.